06-12-01

PTO/SB/05 MODIFIED BY AT&T CORP.

UTILITY PATENT APPLICATION TRANSMITTAL

(only for nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	2001-008●	Total Pages	151

First Named Inventor or Application Identifier

Titus Lo et al.

Express Mail Label No.	EL840560901US

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

1. ☒ Fee Transmittal Form
   (submit an original, and a duplicate for fee processing)
2. ☒ Specification   [Total Pages 21]
   (preferred arrangement set forth below)
   – Descriptive title of invention
   – Cross References to Related Applications
   – Statement Regarding Fed sponsored R&D
   – Reference to Microfiche Appendix
   – Background of the Invention
   – Brief Summary of the Invention
   – Brief Description of the Drawings(if filed)
   – Detailed Description
   – Claim(s)
   – Abstract of the Disclosure
3. ☒ Drawing(s)(35 USC 113) [Total Sheets 5]
4. Oath or Declaration   [Total Pages 4]
   a. ☒ Newly executed (original or copy)
   b. ☐ Copy from a prior application(37 CFR 1.63(d))
      (for continuation/divisional with Box 15 completed)
      [Note Box 15 below]
   i. ☐ DELETION OF INVENTOR(S)
      Signed statement attached deleting inventor(s)
      named in the prior application, see 37 CFR
      163(d)(2) and 1.33(b)

5. ☐ Microfiche Computer Program (*Appendix*)
6. ☐ Nucleotide and/or Amino Acid Sequence Submission
      (if applicable, all necessary)
   a. ☐ Computer Readable Copy
   b. ☐ Paper Copy(identical to computer copy)
   c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers(cover sheet & document(s))
8. ☐ 37 CFR 3.73(b)Statement ☐ Power of Attorney
9. ☐ English Translation Document *(if applicable)*
10. ☒ Information Disclosure   ☒ Copies of IDS
    Statement(IDS)/PTO-1449   Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
    (Should be specifically itemized)
13. ☐ Certified Copy of Priority Document(s)
    (if foreign priority is claimed)
14. ☒ Other: Request And Certification Under 35
    U.S.C. 122(b)(2)(B)(i)

15. **If a CONTINUING APPLICATION**, *check appropriate box and supply the requisite information below and in a preliminary amendment:*
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior Application No:
Prior application information: Examiner: Group/Art Unit:
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

16. CORRESPONDENCE ADDRESS

☐ *Customer Number or Bar Code Label* | (Insert Customer No. or Attach bar code label here) | *or* ☒ *Correspondence address below*
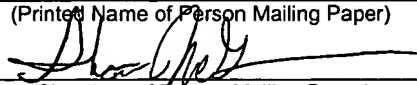
NAME	Samuel H. Dworetsky			
ADDRESS	AT&T CORP. P.O. Box 4110			
CITY	Middletown	STATE	New Jersey	ZIP CODE	07748-4110
COUNTRY	United States of America		FAX	732-368-6932

17. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

NAME	Thomas M. Isaacson	Reg. #	44166
TELEPHONE	410-257-5485		
SIGNATURE	*[signature]*	DATE	6/11/2001

"Express Mail" Mailing Label Number   EL840560901US   Date of Deposit 6/11/2001

I hereby certify that this applicatiion is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington D.C., 20231

Shawn Mc Gee

(Printed Name of Person Mailing Paper)

[signature]

(Signature of Person Mailing Paper)

FEE TRANSMITTAL
Patent Fees are subject to annual revision.

Complete ___ Known

Application Number	
Filing Date	
First Named Inventor	Titus Lo et al.
Examiner Name	
Group/Art Unit	
Attorney Docket No.	2001-0084

TOTAL AMOUNT OF PAYMENT $1,254

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number   01-2745

Deposit Account Name   AT&T CORP.

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing Date of the Notice of Allowance

FEE CALCULATION

1. FILING FEE

Large Fee Code	Entity Fee($)	Fee Description	Fee Paid
101	710	Utility(37CFR 1.53(b)) / CPA(37CFR 1.53(d)) Filing Fee	710
106	320	Design Filing Fee	
108	710	Reissue Filing Fee	
114	150	Provisional Filing Fee	
		SUBTOTAL (1)	710

2. CLAIMS

☐ Filing Under 37CFR 1.53 (b)

☐ CPA Under 37CFR 1.53 (d)

☐ Amendment

	Extra Claims		Fee from below		Fee Paid
Total 28	- 20=	8	x 18	=	144
Ind. 8	- 3=	5	x 80	=	400
Multiple Dependent Claims				=	0

Large Fee Code	Entity Fee($)	Fee Description
103	18	Claims in excess of 20
102	80	Independent Claims in excess of 3
104	270	Multiple Dependent Claims
109	80	Reissue independent claims over original patent
110	18	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) 544

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Fee Code	Entity Fee($)	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	
127	50	Surcharge - late provisional filing fee or cover sheet	
139	130	Non-English specification	
147	2520	For filing a request for reexamination	
112*	920	Requesting publication of SIR prior to Examiner action	.
113*	1840	Requesting publication of SIR after Examiner action	
115	110	Extension for reply within first month	
116	390	Extension for reply within second month	
117	890	Extension for reply within third month	
118	1390	Extension for reply within fourth month	
128	1890	Extension for reply within fifth month	
119	310	Notice of Appeal	
120	310	Filing a brief in support of an appeal	
121	270	Request for oral hearing	
138	1510	Petition to institute a public use proceeding	
140	110	Petition to revive – unavoidable	
141	1240	Petition to revive – unintentional	
142	1240	Utility issue fee (or reissue)	
143	440	Design issue fee	
122	130	Petitions to the Commissioner	
123	50	Petitions related to provisional applications	
126	240	Submission of Information Disclosure Statement	
581	40	Recording each patent assignment per property (times number of properties)	
146	710	Filing a submission after final rejection(37 CFR 1.129(a))	
149	710	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify)

Other fee (specify)

* Reduced by Basic Filing Fee Paid

SUBTOTAL(3) 0

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	Thomas M. Isaacson		Reg. Number	44166
Signature		Date 6/11/2001	Deposit Account User ID	

SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)	First Named Inventor	Lo Titus et al
	Title: *Turbo Channel Estimation For OFDM Systems*	
	Atty. Docket Number	2001-0084

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U. S. C. 122(b).

_____6/11/2001_____
Date

_____[signature]_____
Signature

_____Thomas M. Isaacson_____
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U. S. C. 122(b)(2)(B)(iii)).**